

# LUMUX

## LIGHT COLUMN BL500-TALL

The Lumux BL500 Tall is an elegant, architectural light column that excels at defining spaces, both in the day time and at night. It offers a distinctive contemporary yet minimalistic design and is ideal for illuminating large areas as well as path lighting. A powerful outdoor LED solution, the BL500 Tall offers high performance, while a frosty acrylic diffuser maximizes visual comfort and reduces glare. It is constructed from heavy-duty aluminum die-cast, providing long-lasting stability and durability that meets the highest standards.

**Housing:** Heavy-duty construction of corrosion resistant grade 316 stainless-steel. All fasteners are vandal resistant, stainless-steel.

**Lens:** Sealed one-piece, shatter proof, UV-rated tempered frosty acrylic diffuser.

**Mounting:** Secures with galvanized anchor bolts.

**Installation:** Please refer to installation instructions.

**Finish:** Zinc polyester powder coat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

**Driver:** Constant current and universal input voltage 120/277V, starting temperature rated at -20°F.

**Gasket:** Closed cell silicon foam gasket that seals out moisture, dust, and insects for weather tight operation.

**Protection Class:** IP65, ETL Listed for wet locations.

**Color Temperature:** 4000K

**Wattage & Delivered Lumens:**

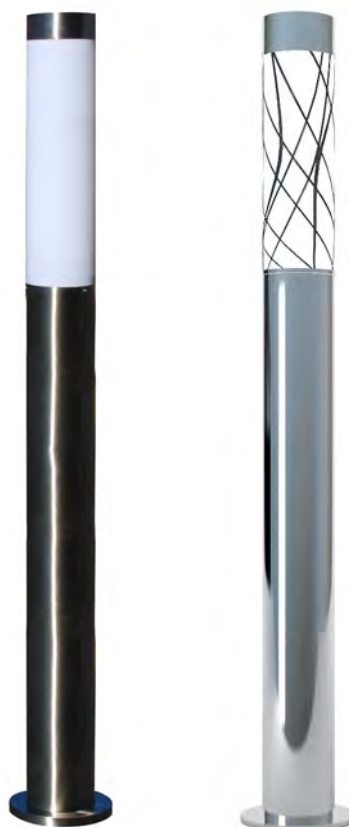
	3000K	4000K	WATTS
BL500-TALL-1	2800 lm	3500 lm	41W
BL500-TALL-2	7500 lm	9300 lm	175W

Other color temperatures available. Please consult Lumux.

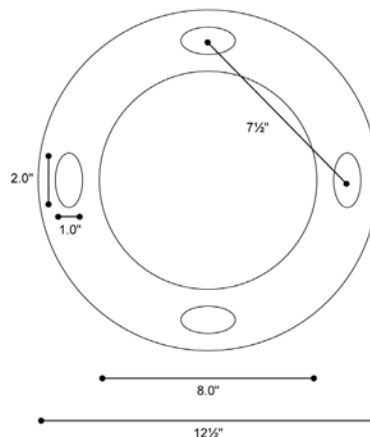
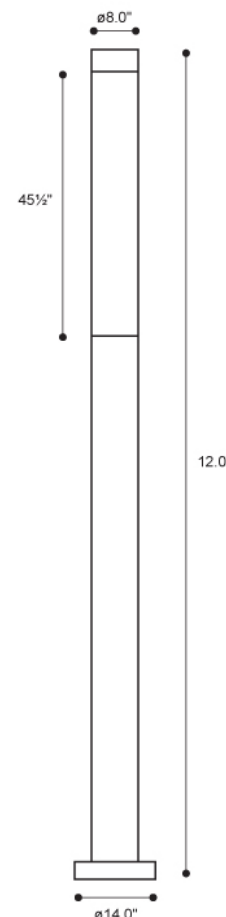
**CRI:** 80

**Warranty:** 5 year limited warranty.

DATE:	
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FIRM:	
CATALOG NO.:	
COMMENTS:	



### Dimensions:



Anchor Bolt Pattern

Content of specification sheet subject to change

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### Ordering Guide:

Catalog No.	LED Color	Color Temp <sup>1</sup>	Voltage	Finish	Options <sup>2</sup>
BL500-TALL-1	White	3000K	120-277v	Black	<input type="checkbox"/> Dimmable driver (0-10v)
BL500-TALL-2		4000K		White	
				Silver	
				Bronze	
				Custom RAL <sup>2</sup>	

<sup>1</sup>Consult factory for additional options

<sup>2</sup>Consult factory for additional pricing

Catalog No.: \_\_\_\_\_

### Performance Specifications BL500-TALL-2

4000K Flux 9,300 lm LER 53 lm/W	3000K Flux 7,500 lm LER 43 lm/W
Power 175W	120-277v input voltage
Starting temp. rated to -20°F	
Dimmable driver (0-10v) option	
Lumen Maintenance*: L70 36,000 hrs	

### Environmental Specifications

BUG rating B2-U5-G4	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 8.0 ft <sup>2</sup>	Marine Grade option
5-year limited warranty	Made in the USA



\*Lumen Maintenance Report: Permlight Technologies  
Test Documentation No.: NML-LB-CC-C-44"

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LUMUX LIGHTING

7803 Industry Ave, Pico Rivera, CA 90660

sales@lumux.com | 562-801-5100

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## LIGHT COLUMN

### BL500-TALL

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#### Photometry

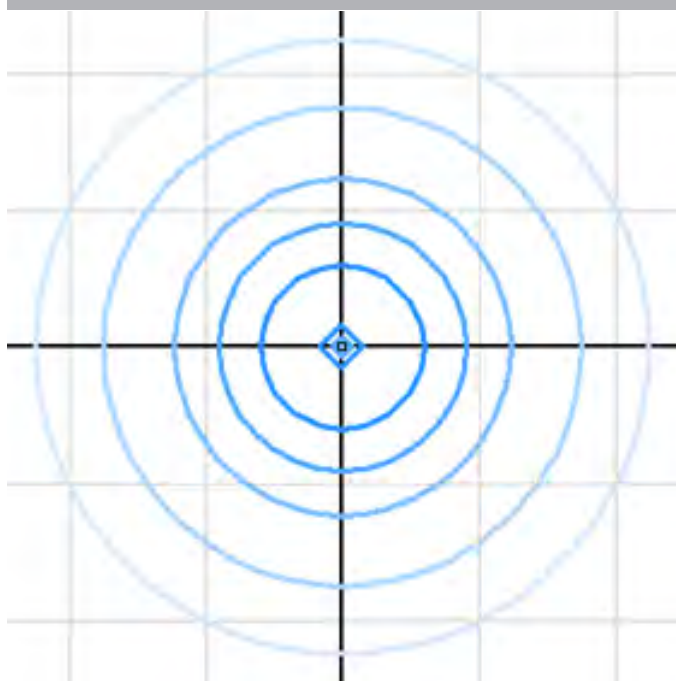
IESNA: LM-63-2002

TEST: 14446401.01	TEST LAB: UL LLC
LUMINAIRE: BL500-Tall	DATE: 2022-08-19
IES Classification: Type V	Long. Class: Very Long
Luminaire Lumens	9335 (4000K)
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	174.51W
Upward Waste Light Ratio	0.49
Max. Candela	988.5
Max. Cd. < 90° Vertical	988.5
Max. Cd. (At 90 Deg. Vert.)	986.9 (10.6% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	988.5 (10.6% Luminaire)
Cutoff Classification	N.A.
BUG Rating	B2-U5-G4

Technical aspects may change without notice.

IES Mounting Height for photometry plans: 119" / 9.9'

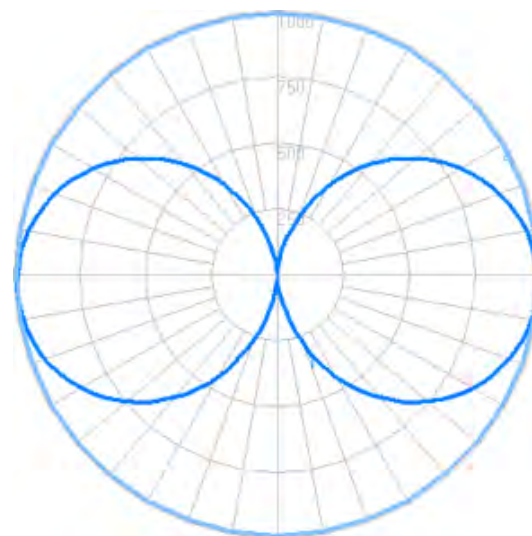
#### Iso-illuminance



Foot-candles: 0.1, 0.2, 0.5, 1, 2 | Grid spacing 20'

Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

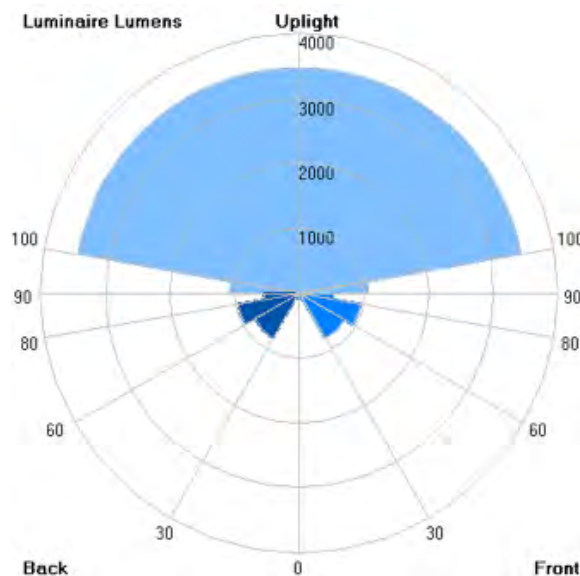
#### Candela



#### Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	113.0	1.2
FM	(30-60)	793.6	8.5
FH	(60-80)	956.1	10.2
FVH	(80-90)	538.0	5.8
BL	(0-30)	113.0	1.2
BM	(30-60)	793.6	8.5
BH	(60-80)	956.1	10.2
BVH	(80-90)	538.0	5.8
UL	(90-100)	1064.3	11.4
UH	(100-180)	3469.1	37.2
Total		9334.8	100.0

#### Luminaire Lumens



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